

## CLAIMS

What is claimed is:

9/3/01  
1. ~~(Amended)~~ A goods dealing system that makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods which lose or reduce their values after passage of a period of time, which are output from terminal devices, comprising:

first dealing processing means for executing processing of a cross dealing by pre-engagement based on said buying information;

second dealing processing means for executing processing of a cross dealing by pre-engagement based on said selling information; and

third dealing processing means for, after processing of the cross dealing by pre-engagement<sup>v</sup>, executing processing of a dealing in which a conclusion is sequentially made with every agreement between said buying information and said selling information after collating pieces of buying information and pieces of selling information.

2. ~~(Amended)~~ A terminal device of a goods dealing system that makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, comprising:

said first and second dealing processing means claimed in claim 1.

3. ~~(Amended)~~ A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information

and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from the terminal devices,

wherein each of said terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen;

said host has a first dealing processing function for executing processing of a cross dealing by pre-engagement based on said buying information;

a second dealing processing function for executing processing of a cross dealing by pre-engagement based on said selling information; and

a third dealing processing function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between said buying information and said selling information after collating pieces of buying information and pieces of selling information.

4. ~~(Amended)~~ A storage medium that stores a program for executing dealing processing steps to make a conclusion of a bargain for goods, based on selling information and buying information for a dealing for the goods which lose or reduce their values after passage of a period of time, which are output from terminal devices,

wherein the dealing processing steps comprise a first dealing processing step for executing processing of a cross dealing by pre-engagement based on said buying information;

a second dealing processing step for executing processing of a cross dealing by pre-engagement based on said selling information; and

a third dealing processing step for, after the cross dealing by pre-engagement by said first and second dealing processing steps, executing a dealing to make sequentially a conclusion with every agreement between said buying information and said selling information after collating pieces of buying information and pieces of selling information.

5. ~~(Amended)~~ A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for a dealing the goods, which are output from terminal devices, comprising:

dealing processing means for executing a dealing to make sequentially a conclusion with every agreement between said buying information and said selling information after collating pieces of buying information and pieces of selling information;

wherein the dealing processing means comprises first determining means for determining processing procedures of pieces of selling information in accordance with predetermined conditions, second determining means for determining processing procedures of pieces of buying information in accordance with predetermined conditions, and makes a conclusion for said buying information linked in accordance with a processing order of said selling information or a conclusion for said selling information linked in accordance with a processing order of said buying information.

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6. ~~(Amended)~~ A terminal device in a goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for a dealing of the goods, which are output from terminal devices, comprising:  
said dealing processing means claimed in claim 5.

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7. ~~(Amended)~~ A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for a dealing of the goods, which are output from terminal devices, by allowing the terminal devices and a host to intercommunicate with each other,  
wherein each of said terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen;  
said host has a dealing processing function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information; and  
said dealing processing function includes a first determining function for determining a processing order of pieces of selling information in accordance with predetermined conditions, a second determining function for determining a processing order of pieces of buying information in accordance with predetermined conditions, and makes a conclusion for said buying information linked in accordance with a processing order of said selling information or a conclusion for said selling

information linked in accordance with a processing order of said buying information.

a 8. ~~(Amended)~~ A storage medium that stores a program for executing dealing processing steps to make a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, the goods losing or reducing their values after passage of a period of time, wherein said dealing processing steps include a processing step for executing a dealing for making a conclusion sequentially from a first agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, and said processing step includes a first determining step for determining a processing order of pieces of selling information in accordance with predetermined conditions, a second determining step for determining a processing order of pieces of buying information in accordance with predetermined conditions, and a step for making a conclusion for said buying information linked in accordance with a processing order of said selling information or a conclusion for said selling information linked in accordance with a processing order of said buying information.

a 9. ~~(Amended)~~ A goods dealing system that makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, comprising:

dealing processing means for executing a dealing for making a conclusion sequentially from a first agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, wherein said dealing processing means includes first specifying means for specifying any piece of information on the goods included in the selling information as a first dealing condition, second specifying means for specifying any piece of information on the goods included in the selling information as a second dealing condition that is easier than said first dealing condition, and processing proceed means for proceeding to a dealing processing for processing, in accordance with the first dealing condition, selling information on unconcluded goods generated in a dealing process in accordance with the second dealing condition.

10. ~~(Amended)~~ A terminal device in a goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for a dealing of the goods, which are output from terminal devices, comprising:  
said dealing processing means claimed in claim 9.

11. ~~(Amended)~~ A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from the terminal devices,  
wherein each of the terminal devices displays information sent thereto on its screen by means of a browser function, and outputs

information in response to an operation performed by a user based on the information displayed on the screen, said host has a dealing processing function for executing processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, and said dealing processing function includes a first specifying function for specifying any piece of information on the goods included in the selling information as a first dealing condition, a second specifying function for specifying any piece of information on the goods included in the selling information as a second dealing condition that is easier than said first dealing condition, and a processing proceed function for proceeding to a dealing processing for processing, in accordance with the first dealing condition, selling information on unconcluded goods generated in a dealing processing in accordance with the second dealing condition.

12. ~~(Amended)~~ A storage medium that stores a program for executing processing steps to make a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, wherein said processing steps include dealing processing steps for executing a dealing for making a conclusion sequentially from a first agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, and





information and the selling information after collating pieces of buying information and pieces of selling information; an information display portion for displaying information generated by executing one of the functions selected by the function list display portion; and a condition entering portion for entering conditions at the time any piece of information is extracted from the information generated by executing one of the functions selected by the function list display portion.

14. A goods dealing system that makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 13.

15. (Amended) A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from the terminal devices,

wherein said host has a first dealing processing function for executing processing of a cross dealing by pre-engagement based on said buying information, a second dealing processing function for executing processing of a cross dealing by pre-engagement based on said selling information, and a third dealing processing function for executing, after the cross dealing by pre-engagement by the first and second dealing processing functions, processing of a dealing in which a

conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information; and

each of said terminal devices has a screen which displays information sent thereto by means of a browser function and outputs information in response to an operation performed by a user based on the information displayed thereon, the screen including a function list display portion for selectively executing one of said first dealing processing function, said second dealing processing function, and said third dealing processing function, an information display portion for displaying information generated by executing one of the functions selected by said function list display portion, and a condition entering portion for entering conditions at the time any piece of information is extracted from the information generated by executing one of the functions selected by said function list display portion.

16. ~~(Amended)~~ A storage medium that stores a program for executing dealing processing steps to make a conclusion of a bargain for goods, based on selling information and buying information for a dealing for the goods which lose or reduce their values after passage of a period of time, which are output from terminal devices, wherein said dealing processing steps include steps for displaying a screen comprises:

a function list display portion for selectively executing one of a first dealing processing function for executing a cross

dealing by pre-engagement based on the buying information, a second dealing processing function for executing a cross dealing by pre-engagement based on the selling information, and a third dealing processing function for executing, after the cross dealing by pre-engagement by said first and second dealing processing functions, a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information; an information display portion for displaying information generated by executing one of the functions selected by the function list display portion; and a condition entering portion for entering conditions at the time any piece of information is extracted from the information generated by executing one of the functions selected by the function list display portion.

17. ~~(Amended)~~ A goods dealing system that makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from terminal devices, comprising:

first dealing processing means for executing processing of a cross dealing by pre-engagement based on buying information; second dealing processing means for executing processing of a cross dealing by pre-engagement based on the selling information;

third dealing processing means for executing, after processing the cross dealing by pre-engagements by said first and second

dealing processing means, processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information; and

fourth dealing processing means for executing processing of a dealing for unsold goods generated by an execution of processing the dealing by any one of the first, second and third dealing processing means, or for executing a dealing for a sale not by the first, second and third dealing processing means.

18. ~~(Amended)~~ A terminal device in a goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, comprising:

said first to fourth dealing processing means claimed in claims 17.

19. ~~(Amended)~~ A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from the terminal devices,

wherein each of the terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen, and said host has a first dealing processing function for executing processing of a cross dealing by pre-engagement based on buying

information, a second dealing processing function for executing processing of a cross dealing by pre-engagement based on the selling information, a third dealing processing function for executing, after processing the cross dealing by pre-engagements by said first and second dealing processing functions, processing of a dealing in which a conclusion is sequentially made with every agreement between the buying information and the selling information after collating pieces of buying information and pieces of selling information, and a fourth dealing processing function for executing processing of a dealing for unsold goods generated by an execution of processing the dealing by any one of the first, second and third dealing processing functions, or for executing a dealing for a sale not by the first, second and third dealing processing functions.

20. ~~(Amended)~~ A storage medium that stores a program for executing processing steps to make a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from terminal devices.

wherein said dealing processing steps comprise:

a first dealing/processing step for executing processing of  
a cross dealing by pre-engagement based on the buying  
information;

a second dealing processing step for executing processing of  
a cross dealing by pre-engagement based on the selling  
information;



a 23. ~~(Amended)~~ A system that makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 22.

a 24. ~~(Amended)~~ A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods losing or reducing their values after passage of a period of time, which are output from the terminal devices, wherein each of said terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen; and said host comprise post-confirmation dealing processing function for executing a dealing processing by outputting the selling information based on information indicating a confirmed selling quantity of goods, and a goods-in-stock selling processing function for executing a dealing processing of unsold goods generated by the execution of the post-confirmation dealing processing function.

Q 25. ~~(Amended)~~ A goods dealing method that executes dealing processing to make a conclusion of a bargain of goods based on selling information and buying information for a dealing of the goods losing or reducing their values after passage of a period of time, which are output from terminal devices, the method comprising:

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a post-confirmation dealing processing step for executing dealing processing by outputting the selling information based on information indicating a confirmed selling quantity of goods; and

a goods-in-stock selling processing step for executing dealing processing of unsold goods generated in the execution of the post-confirmation processing step.

26. A storage medium that stores a program for executing dealing processing steps to make a conclusion of a bargain for goods, based on selling information and buying information for a dealing for the goods losing or reducing their values after passage of a period of time, which are output from terminal devices,

wherein said dealing processing steps include the processing step of the goods dealing method claimed in claim 25.

27. ~~(Amended)~~ A goods dealing apparatus that comprises at least one of terminal devices in a system for making a conclusion of a bargain for goods by executing at least one of first and second cross dealing-pre-engagement processes on its screen, based on selling information and buying information for dealing the goods, which are output from the terminal devices, wherein each of the terminal devices comprises a screen including a first dealing information display portion for displaying information on the first cross dealing by pre-engagement processing; and  
a second dealing information display portion for displaying information on the second cross dealing by pre-engagement processing;



28. A goods dealing system for making a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, wherein at least one of the terminal devices is the goods dealing apparatus claimed in claim 27.

29. ~~(Amended)~~ A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from the terminal devices,

wherein said host has at least a first dealing processing function for executing a first cross dealing by pre-engagement dealing processing based on the buying information and a second dealing processing function for executing a second cross dealing by pre-engagement dealing processing based on the selling information; and each terminal device displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen, the screen having a first dealing information display portion for displaying information on the first cross dealing by pre-engagement processing and a second dealing information display portion for displaying information on the second cross dealing by pre-engagement processing.

30. ~~(Amended)~~ A goods dealing method that, based on selling information and buying information for a dealing of goods, which are output from terminal devices, executes at least first



information, based on a predetermined processing order for the cluster of the buying information or on a predetermined processing order for the cluster of the selling information.

33. A goods dealing method that makes a conclusion of a bargain for goods based on pieces of selling information and pieces of buying information for a dealing of the goods, which are output from terminal devices, comprising:

a processing step that includes the steps of:

determining, in accordance with predetermined conditions, a processing order to make a conclusion of the bargain for pieces of buying information; forming, from pieces of selling information, a cluster of the selling information which meets buying conditions included in processing object buying information in accordance with the processing order; and linking the buying information with the selling information between the processing object buying information and buying information included in the cluster of pieces of buying information, thus making a conclusion of the bargain.

34. A goods dealing method that makes a conclusion of a bargain for goods based on pieces of selling information and pieces of buying information for a dealing of the goods, which are output from terminal devices, comprising:

a processing step that includes the steps of:

determining, in accordance with predetermined conditions, a processing order to make a conclusion of the bargain for pieces of buying information; forming, from pieces of selling information, a cluster which meets buying conditions included

in processing object buying information in accordance with the processing order; and

linking the buying information with the selling information between the processing object buying information and buying information included in the cluster of the buying information, thus making a conclusion of the bargain.

35. ~~(Amended)~~ A goods dealing apparatus that makes a conclusion of a bargain of goods based on pieces of selling information and pieces of buying information for a dealing of the goods, which are output from terminal devices,

the apparatus comprising:

first cluster formation means for forming clusters of buying information under the same conditions included in the respective buying information, as to pieces of buying information;

second cluster formation means for forming clusters of selling information which meet buying conditions corresponding to the respective clusters of the buying information, as to pieces of selling information; and

dealing contract making means for making a conclusion of the bargain by linking the selling information with the buying information between the clusters formed by the first cluster formation means and the clusters formed by the second cluster formation means based on a predetermined processing order for the clusters of the buying information or a predetermined processing order for the clusters of the selling information.

36. A goods dealing apparatus that makes a conclusion of a bargain of goods based on pieces of selling information and



based on pieces of selling information and pieces of buying information for dealing the goods, which are output from terminal devices,

wherein said processing steps include the processing steps of the goods dealing method claimed in <sup>claim 32</sup> ~~any one of claims 32, 33 and 34.~~

39. ~~(Amended)~~ A goods dealing system that makes a conclusion of a dealing based on selling information and buying information for dealing goods, which are output from terminal devices, comprising:

storage means for storing previously information on a distribution cost based on a distribution route between sellers and buyers, which is generated by a conclusion of the dealing; and

outputting means for acquiring distribution cost information corresponding to the goods and the distribution route between the seller and the buyer from the storage means, thus outputting the distribution cost information in order to show the buyer the distribution information, when the dealing is performed and the buyer refers to the selling information on the goods.

40. ~~(Amended)~~ A goods dealing system that makes a conclusion of a dealing based on selling information and buying information for dealing goods, which are output from terminal devices, comprising:

display means for displaying information on a distribution cost based on the goods and a distribution route between the sellers and the buyers, which is generated by a settlement of the dealing to the buyer in accordance with combinations of the sellers

and the buyers in the dealing when the buyers refer to the selling information.

41. A system that makes a conclusion of a dealing for goods based on selling information and buying information for dealing the goods, which are outputted from terminal devices, comprising:

the goods dealing apparatus claimed in <sup>claim 39</sup> ~~any one of claims 39 and 40.~~

42. ~~(Amended)~~ A goods dealing system according to <sup>claim 39</sup> ~~any one of claims 39 and 40~~, that makes a conclusion of a dealing based on selling information and buying information for dealing goods, which are output from terminal devices, wherein said distribution cost information includes discount information on distribution in accordance with a quantity of dealing.

43. ~~(Amended)~~ A goods dealing system that, by allowing terminal devices and a host to intercommunicate with each other, makes a conclusion of a bargain for goods based on selling information and buying information for dealing the goods, which are output from terminal devices, wherein each of the terminal devices displays information sent thereto on its screen by means of a browser function, and outputs information in response to an operation performed by a user based on the information displayed on the screen; and said host comprises storage means for storing previously information on distribution cost based on a distribution route between sellers and buyers, which is generated by making a conclusion of the dealing, and transmitting means for acquiring





46. ~~(Added)~~ A goods dealing apparatus that makes a conclusion of a bargain of goods based on pieces of selling information and pieces of buying information for a dealing of the goods, which are output from terminal devices, comprising:  
processing order determining means for determining, in accordance with predetermined conditions, a processing order to make a conclusion of the bargain for pieces of buying information;  
cluster formation means for forming a cluster from pieces of selling information, the cluster meeting buying conditions which are included in processing object buying information in accordance with the processing order; and  
dealing contract making means for making a conclusion of the bargain by linking the selling information with the buying information included in the cluster of pieces of buying information.

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